March 7 – 11, 2007  
Amelia Island Plantation, Amelia Island, Florida  
Electromyography (EMG) and Electroencephalography (EEG) in Clinical Practice

Reasons to attend:
- In-depth update of clinical applications to Electromyography (EMG) and Electroencephalography (EEG) techniques
- Innovative teaching approaches including interactive demonstration sessions and case-based reviews
- Expert faculty from the Mayo Clinic College of Medicine
- Group sessions with faculty

Course Description
This course is designed as a review of basic concepts of nerve conduction studies, needle EMG, and EEG. Techniques, interpretation, and the application to patient care will be discussed. The program format includes lectures, practical demonstrations, videos, group discussions and round tables with a course director. Course room facilities provide the opportunity to observe EMG techniques on normal subjects in the laboratory. A video will be provided to participants. Presentations will be made by members of the staff of Mayo Clinic and faculty of the Mayo Clinic College of Medicine from the Departments of Neurology in Jacksonville, Florida, Rochester, Minnesota and Scottsdale, Arizona.

Course Learning Objectives
Upon completion of this program, participants should be able to:
- Develop a logical approach to the use of standard clinical electro-physiological techniques to address common and uncommon neuromuscular disorders encountered in clinical practice.
- Explain the basic concepts of clinical neurophysiology.
- Identify the findings and clinical significance of abnormalities on nerve conduction studies.
- Identify technical pitfalls and the methods to correct problems of nerve conduction studies.
- Interpret clinical significance of EMG waveforms on needle examination.
- Interpret the findings of normal and variant patterns of patient and adult patients.
- Identify the findings and clinical significance of abnormalities on EEG waves.
- Develop approaches to the evaluation of medically refractory seizures.

Intended Audience
This course is intended for practicing M.D. and D.O. interested in the basics of EMG and EEG. Please note that attendance at this Mayo course does not indicate or guarantee competence or proficiency in the performance of any procedures that may be discussed or taught in this course.

Credit
Mayo College of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians. The Mayo College of Medicine designates this educational activity for a maximum of 39.25 AMA PRA Category 1 Credit(s)™ (Physicians should only claim credit commensurate with the extent of their participation in the activity). Category 1 Credit(s)™ approved for the two components are: EMG - 26.0 and EEG - 13.25.

ADA
This program has been approved by the American Osteopathic Association for 39.25 hours of 2A accreditation.

Other Health Care Professionals
A statement of attendance will be provided to other health care professionals for our purposes in requesting credits in accordance with state nursing boards, specialty groups or other professional associations.

Educational Grants
At the time of this printing, a complete listing of commercial supporters was not available. Appropriate acknowledgment will be given to all supporters at the time of the meeting.

Registration
To register online, visit http://www.mayo.edu/cme/ or you can complete the attached registration form and return by mail or fax. The registration fee includes the course fee, transportation, breakfasts, lunch, and refreshments. It is not possible for it to be altered. CME credit will be given at a ratio of 1:1, which includes the course fee. If you require special accommodations in order to attend this course, please call (800) 874-6878. Mayo School of CME reserves the right to refuse to accept or cancel an application for the reasons stated in the Cancellation Policy.

Cancellation Policy
If you cancel your participation in this course, your registration fee, less a $75 administrative fee, will be refunded when written notification is received by Mayo School of CME on or before February 20, 2007 via fax: (904) 855-2954. No refunds will be made after February 20, 2007. Mayo School of CME reserves the right to cancel or postpone course due to unforeseen circumstances. In the unlikely event Mayo School of CME must cancel or postpone the course, Mayo School of CME will refund the registration fee, but is not responsible for any related costs, charges, or expenses to participants, including fees assessed by air travel agencies, or accommodations.

Locating the course
Located on the beach at Amelia Island, Florida, just 35 minutes from Jacksonville International Airport, this AAA-Four Diamond resort features over 700 guest accommodations settled in 1,250 acres of oceanfront and tidal marshes. Tennis at Amelia offers 23 Har-Tru courts laid out in a club like setting. Sportfishing, swimming, seven miles of nature trails for walking and jogging, and horseback riding in the surf are just some of the activities available for guests. "Kids Camp Amelia" boasts enthusiastic counselors for all-day activities, tennis or golf clinics, arts and crafts, water activities or just a parent’s night out for dinner. All recreational activities can be scheduled directly through Amelia Island Plantation by calling (904) 262-6161 or (800) 263-6161.

Lodging Accommodations
A block of rooms has been reserved at the Amelia Inn, the beautiful oceanfront hotel, at a special rate of $80 plus tax per night until February 31, 2007, or until the room block is filled. Reservations made after this date will be confirmed on a space/availability basis. In addition, Amelia Island Plantation charges a resort services fee of $10.00 per person per day, which includes all staff gratuities (except bell staff). Children under 15 will stay complimentary without a resort fee. Check in is at 3:00 p.m. and check out time is at 11:00 a.m. You may call the hotel direct at (904) 262-6161 or toll free at (888) 263-6161 for reservations. Please identify yourself as a course participant to the Mayo School of CME/EEG Conference.

Ground Transportation
Amelia Island Plantation operates its own ground transportation and provides transfers on an individual basis for $42 per person one way from Jacksonville International Airport. Please call the hotel at (904) 874-6878 (select option 7 for transportation) to make advance reservations.
Register Online!

Reasons to attend:

• In-depth update of clinical applications to Electromyography (EMG) and Electroencephalography (EEG) techniques
• Innovative teaching approaches including interactive demonstration sessions and case-based reviews
• Expert faculty from the Mayo Clinic College of Medicine
• Group sessions with faculty

Course Description
This course is designed as a review of basic concepts of nerve conduction studies, needle EMG, and EEG. Techniques, interpretation, and the electrophysiological aspects of disease will be covered during the course. The program format includes lectures, practical demonstration, videos, group discussions, and hands-on workshops to ensure the best possible learning environment. The course curriculum is designed to increase practicing physicians’ awareness of the latest developments in the field of neurophysiology.

Course Learning Objectives
Upon completion of this program, participants should be able to:
• Develop a logical approach to the use of standard clinical electro-physiological techniques in the diagnosis and evaluation of common and uncommon neuromuscular disorders encountered in clinical practice.
• Explain the basic concepts of clinical neurophysiology.
• Identify technical pitfalls and the methods to correct problems of nerve conduction studies.
• Identify technical pitfalls associated with EEG and the normal and variant patterns of pediatric and adult patients.
• Examine the findings and clinical significance of abnormalities on EEG and EMG studies.
• Develop approaches to the evaluation of medically refractory seizures.

Intended Audience
This is an advanced program intended for practicing M.D.s and D.O.s interested in the basics of EMG and EEG. Please note that attendance at this Mayo course does not indicate or guarantee competence or proficiency in the performance of clinical EMG and EEG. Please note that attendance at this Mayo course does not indicate or guarantee competence or proficiency in the performance of clinical EMG and EEG. Please note that attendance at this Mayo course does not indicate or guarantee competence or proficiency in the performance of clinical EMG and EEG.

Credit
Mayo Clinic College of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.
The Mayo Clinic College of Medicine designates this educational activity for a maximum of 39.25 AMA PRA Category 1 Credit(s)™. Physicians should only claim credit commensurate with the extent of participation in the activity.

Category 1 Credit(s)™ approved for the two components are: EMG – 26.0 and EEG – 13.25

ADA
This program has been approved by the American Osteopathic Association for 39.25 hours of Category 1 credit.

Other Health Care Professionals
A certificate of attendance will be provided to other health care professionals for meeting credits in accordance with state nursing boards, specialty societies, or other professional associations.

Educational Grants
At the time of this printing, no educational grants are available. Appropriate acknowledgement will be given to all sponsors at the time of the meeting.

Registration
To register online, visit http://www.mayo.edu/cme/ or you can complete the attached registration form and return by mail or fax. The registration fee includes the following: program fee, hotel, ground transportation, breakfast refreshments, and lunch. Although it is not Mayo School of CME policy to limit the number of registrants for a course, conference room facilities may necessitate closing of enrollment; therefore, early registration is advised. This program will be sent upon receipt of payment and completed registration form. Please present the confirmation letter when checking in at the meeting registration desk.

Cancellation Policy
If you cancel your participation in this course, your registration fee, less a 25% administrative fee, will be refunded when written notification is received by Mayo School of CME on or before February 20, 2007 via fax: (904) 853-2904. No refunds will be made after February 20, 2007.

Mayo School of CME reserves the right to cancel or postpone any course due to unforeseen circumstances. In the unlikely event Mayo School of CME must cancel or postpone this course, Mayo School of CME will refund the registration fee, but is not responsible for any related costs, charges, or expenses to participants, including fees assessed by air travel, lodging, agencies, or organizations.

Location
Located on the beach at Amelia Island, Florida, just 35 minutes from Jacksonville International Airport, this AAA-Four Diamond resort features over 700 guest accommodations settled in 1,250 acres of pristine coastal wilderness. The conference center with its bright, airy rooms offers perfected space to facilitate learning and socializing. You can play golf on 36 holes designed by Pete Dye and Tom Fazio, which cover acres of oceanfront and tidal marshes. Tennis at Amelia offers 23 Har-Tru courts laid out in a club-like setting. Sporthealth swimming, seven miles of natural trails for walking and jogging, and horseback riding in the surf are just some of the activity available for guests. "Kids Camp Amelia" boasts enthusiastic counselors for all-day activities, tennis or golf clinics, arts and crafts, water activities or just for a parent's night out for dinner. All recreational activities can be scheduled directly through Amelia Island Plantation by calling (904) 262-6616 or (866) 261-6616.

Lodging Accommodations
A block of rooms has been reserved at the Amelia Inn, the beautiful oceanfront hotel, at a special rate of $120 plus tax per night until February 12, 2007, or until the room block is filled. Reservations made after the date will be confirmed on a space available basis. In addition, Amelia Island Plantation charges a resort services fee of $8.00 per person per day, which includes all staff gratuities (except bell staff). Children under 15 will stay complimentary with no resort fee. Check-in time is after 4:00 p.m. and check-out time is before 11:00 a.m. You may call the hotel direct at (904) 261-6616 or toll free at (888) 261-6616 for reservations. Please identify yourself as a course participant at the Mayo Clinic EMG/EEG Conference.

Ground Transportation
Amelia Island Plantation operates its own ground transportation and provides transfers on an individual basis for $42 per person one way from Jacksonville International Airport. Please call the hotel at (904) 874-6670 (select option 7 for transportation) to make advance reservations.
Electromyography, \textit{Electroencephalography} and Neurophysiology in \textit{Clinical Practice}

\textbf{March 7 – 11, 2007}

Amelia Island Plantation, Amelia Island, Florida

\textbf{http://www.mayo.edu/cme/}

\textbf{Register Online!}

\textbf{Reasons to attend:}

\begin{itemize}
  \item In-depth update of clinical applications to \textit{Electromyography (EMG)} and \textit{Electroencephalography (EEG)} techniques
  \item Innovative teaching approaches including interactive demonstration sessions and case-based reviews
  \item Expert faculty from the Mayo Clinic College of Medicine
  \item Group sessions with faculty
\end{itemize}

\textbf{Course Description}

This course is designed as a review of basic concepts of nerve conduction studies, needle EMG, and EEG. Techniques, interpretation, and the application of appropriate approaches will be covered. The program format includes lectures, practical demonstrations, videos, group discussions, and interactive case-based discussion sessions. The course format is designed to provide the opportunity to observe EEG techniques on normal subjects in the laboratory. Case-based discussions will be provided to participants. Presentations will be made by members of the staff of Mayo Clinic and faculty of the Mayo Clinic College of Medicine from the Departments of Neurology in Jacksonville, Florida, Rochester, Minnesota, and Scottsdale, Arizona.

\textbf{Course Learning Objectives}

Upon completion of this program, participants should be able to:

\begin{itemize}
  \item Develop a logical approach to the use of standard clinical electro-physiological techniques to differentiate among common and uncommon neuro muscular disorders encountered in clinical practice.
  \item Explain the basic concepts of clinical neurophysiology.
  \item Identify the findings and clinical significance of abnormalities on nerve conduction studies.
  \item Identify technical pitfalls and the methods to correct problems of nerve conduction studies.
  \item Interpret the clinical significance of EEG waveforms on needle electromyography.
  \item Identify technical pitfalls associated with EEG and the normal and variant patterns of pediatric and adult patients.
  \item Interpret the findings and clinical significance of abnormalities on EEG leads.
  \item Develop approaches to the evaluation of medically refractory seizures.
\end{itemize}

\textbf{Faculty}

The Mayo Clinic College of Medicine designates this educational activity for a maximum of 39.25 AMA PRA Category 1 Credit(s)™ approved for the two components are: EMG – 26.0 and EEG – 13.25.

\textbf{ADA}

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\textbf{Other Health Care Professionals}

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\textbf{Educational Grants}

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\textbf{Registration}

To register online, visit \textit{http://www.mayo.edu/cme/}, or you can complete the attached registration form and return by mail or fax. The registration fee includes tuition, comprehensive course syllabus, continental breakfasts, break refreshments, and lunch. Although it is not Mayo School of CME policy to limit the number of participants in a course, conference room facilities may necessitate closing of enrollment; therefore, early registration is advisable. A complete listing of commercial supporters will be sent upon receipt of payment and completed registration form. Please present the confirmation letter when checking in at the meeting registration desk.

\textbf{Cancellation Policy}

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\textbf{Lodging Accommodations}

A block of rooms has been reserved at the Amelia Inn, the beautiful oceanfront hotel, at a special rate of $128 plus tax per night until February 31, 2007, or until the block is filled. Reservations made after this date will be confirmed on a space-available basis. In addition, Amelia Island Plantation charges a resort services fee of $8.00 per person per day, which includes all staff gratuities (except bell staff).

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This educational activity is required to disclose all relevant financial relationships with providers, course directors, planning committee, faculty, and all others who are in a position to control the content of this educational activity to ensure balance, independence, objectivity and scientific rigor in its educational activities. As a provider accredited by ACCME, Mayo Clinic College of Medicine (Mayo School of CME) must ensure balance, independence, objectivity and scientific rigor in its educational activities.

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Faculty

Course Director(s)
Kevin B. Boylan, M.D.
Devon I. Rubin, M.D., Ph.D.
David R. Chabolla, M.D.

Mayo Clinic Jacksonville
Kevin B. Boylan, M.D.
David R. Chabolla, M.D.
William P. Cheshire, M.D.
Jerry J. Shih, M.D.

Mayo Clinic Rochester
Jeffrey W. Britton, M.D.
David G. Casino, M.D.
Brian A. Crum, M.D.
Raj Patel, M.D.
Suresh Kotagal, M.D.

Jasper R. Daube, M.D.
Joseph F. Drazkowski, M.D.
Benn E. Smith, M.D.
Barbara F. Westmoreland, M.D.

Jerry J. Shih, M.D.

Mayo Clinic Scottsdale
Jasper R. Daube, M.D. and Devon I. Rubin, M.D.

Mayo Clinic Jacksonville
Harry S. Ahlman, M.D.
William R. Turk, M.D.

Mayo Clinic Rochester
Barbara F. Westmoreland, M.D.
J. Clarke Stevens, M.D.
Eric J. Sorenson, M.D.
Suresh Kotagal, M.D.
C. Michel Harper, M.D.

Nemours Children’s Clinic, Jacksonville
Kevin J. Meehan, Jr., M.D.

Brian A. Crum, M.D.

Kevin B. Boylan, M.D.
Jeffrey W. Britton, M.D.
David R. Chabolla, M.D.
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Mayo Clinic Jacksonville
Barbara F. Westmoreland, M.D.

Mayo Clinic Rochester
Barbara F. Westmoreland, M.D.

Thursday, March 8, 2007

07:00 a.m.
Continental Breakfast

07:30 Quiz

08:00 Carpal Tunnel Syndrome

08:45 J. Clarke Stevens, M.D.

Other Mononeuropathies of the Upper Limb

Jeffrey A. Strommen, M.D.

9:30 Break

9:45 Brachial Plexopathy

10:20 J. Clarke Stevens, M.D.

10:45 Evaluation of Radiculopathies

(J. Strommen, M.D.)

11:30 Lunch (Provided)

12:30 p.m.
Mononeuropathies of the Lower Limb

Kris B. Byelaj, M.D.

1:30 Evaluation of Peripheral Neuropathies

Jeffrey C. McPherson, M.D.

2:30 Evaluation of Cranial Neuropathies

Kathleen D. Kennelly, M.D., Ph.D.

3:15 Break

3:30 Neuromuscular Junction Disorders

C. Michel Harper, M.D., M.D.

4:30 Motor Neuron Disease

Eric J. Sorenson, M.D.

5:30 Muscle Disease

Kevin J. Meehan, Jr., M.D.

Adjourn

Saturday, March 10, 2007

07:00 Neurophysiology, EMG and EEG

08:00 Normal EEG, Infant and Children

Barbara F. Westmoreland, M.D.

Normal EEG and Benign Variants, Adult

Jeffrey W. Britton, M.D.

9:20 EEG in the Evaluation of Epilepsy

David R. Chabolla, M.D.

10:00 Break

10:15 Abnormal Infant EEG

Barbara F. Westmoreland, M.D.

10:55 EEG in Focal Epilepsies, Coma and Brain Death

J. So, M.D.

11:35 EEG Interactive Quiz

David R. Chabolla, M.D.

Noon

1:00 p.m. EEG in Status Epilepticus

Gregory D. Cacino, M.D.

1:40 Seizure Monitors

J. So, M.D.

2:40 Break

3:00 Group EEG Reading Sessions

Barbara F. Westmoreland, M.D., J. So, M.D., Jeffrey W. Britton, M.D., Jerry J. Shih, M.D., David R. Chabolla, M.D.

Sunday, March 11, 2007

07:30 Quiz

08:30 Intracranial and Intraoperative EEG

Joseph F. Drazkowski, M.D.

9:10 Seizure Localization for Epilepsy Surgery

Jerry J. Shih, M.D.

9:50 Electrical Simulation and Seizure Control

Joseph F. Drazkowski, M.D.

10:30 Break

10:45 Don’t Just Do Something: Stand There!

William P. Cheshire, M.D.

11:25 Pearl: Functional and Neuropathic Testing

William P. Cheshire, M.D.

12:00 Noon Lunch (Provided)

Noon

1:00 p.m. Polyomysography and the Evaluation of Parasomnias

Suresh Katragadda, M.D.

2:00 Epileptic Seizure

Harry S. Ahlman, M.D.

2:30 Break

2:45 Video-EEG Correlation, Pediatrics

William R. Turk, M.D.

3:15 Interactive Quiz

William R. Turk, M.D.

Adjourn

Adjourn

Registration and Payment:

(All fees may be paid by check, money order or credit card. Mail form and payment to: Mayo Clinic Education, 4500 San Pablo Road, Davis 172W, Jacksonville, FL 32224. Email: cme-jax@mayo.edu)
Faculty
Course Director(s)
Kevin B. Boylan, M.D.
Devon I. Rubin, M.D., Ph.D.
David R. Chabolla, M.D.

Mayo Clinic Jacksonville
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Jeffrey A. Strommen, M.D.

Mayo Clinic Rochester
Jeffrey W. Britton, M.D.
David G. Caesano, M.D.
Carol A. Harter, M.D.
Marc H. Cooney, M.D.
Sandeep Kotala, M.D.
Erie J. Strommen, M.D.

Mayo Clinic Scottsdale
Joseph F. Drazkowski, M.D.
Benjamin S. Smith, M.D.

Nemours Children’s Clinic, Jacksonville
Harry S. Alman, M.D.
William R. Turk, M.D.

Faculty Disclosure
As a provider accredited by ACCME, Mayo Clinic School of Medicine (Mayo School of CME) requires all faculty to disclose any relationships they have with pharmaceutical or device manufacturers, or other parties that might create conflicts of interest due to financial relationships with the company or parties with other interests that might affect the presentations. Financial relationships include financial benefits or potential financial benefits derived from services or products that are related to an educational activity. Financial relationships could include ownership of stock, stock options, or shares; consulting arrangements; participation in research projects or in clinical studies; or the provision of other remuneration. Mayo Clinic School of Medicine accepts only those relationships that are determined by Mayo Clinic School of Medicine to present no potential conflict of interest. Faculty members are asked to disclose all potential financial relationships to attendees. Mayo Clinic School of Medicine ensures that faculty are not influenced by financial relationships and that faculty are provided with information from a variety of sources. However, it is the intended audience’s responsibility to appraise the material presented and to use their professional judgment in the context of their medical practice. Attendees are encouraged to discuss any potential conflicts of interest they may have with the faculty present.

Program
Wednesday, March 7, 2007
Electromyography in Clinical Practice
7:00 a.m. Registration and Continental Breakfast
7:30 Wel come and Introduction
Kevin B. Boylan, M.D.
8:00 Nerve Conduction Studies: Basics
Brian A. Crum, M.D.
8:45 Nerve Conduction Studies: Pitfalls and Technical Problems
Brian A. Crum, M.D.
9:30 Break
9:45 Needle Examination Techniques
Devon I. Rubin, M.D.
10:15 Examination of Unusual Muscles
Eric J. Strommen, M.D.
11:00 Crafting an Appropriate EMG Report/Localization with Nerve Conduction Studies and EMG
Joseph F. Drazkowski, M.D., Ph.D.
Noon Lunch (Provided)
1:00 p.m. EMG Signal Analysis Introduction
Jason R. Kauf, M.D., and Devon I. Rubin, M.D.
2:15 Break
2:30 EMG Signal Analysis: Video Interactive Session
Jason R. Kauf, M.D., and Devon I. Rubin, M.D.
Adjourn
Thursday, March 8, 2007
7:00 a.m. Continental Breakfast
7:30 Quiz
8:00 Carpal Tunnel Syndrome
J. Clarke Stevens, M.D.
8:45 Other Mononeuropathies of the Upper Limb
Jeffrey A. Strommen, M.D.
9:30 Break
9:45 Brachial Plexopathy
Christan R. Kelley, M.D.
10:45 Evaluation of Radiculopathies
A. Strommen, M.D.
11:30 Lunch (Provided)
12:30 p.m. Mononeuropathies of the Lower Limb
Kevin B. Boylan, M.D.
1:30 Evaluation of Peripheral Neuropathies
J. Michael Harter, M.D.
2:30 Evaluation of Cranial Neuropathies
Kathleen D. Kennedy, M.D., Ph.D.
3:15 Break
3:30 Neuromuscular Junction Disorders
Christan R. Kelley, M.D.
4:30 Motor Neurone Disease
Eric J. Strommen, M.D.
5:30 Muscle Disease
Kevin B. Boylan, M.D.
6:30 Adjourn
Friday, March 9, 2007
7:00 a.m. Continental Breakfast
7:30 Workshops Approach to Clinical Disorders (Nerve Conduction Studies (NCS) and Needle EMG)
7:30 Quiz
8:00 (1) Carpal Tunnel Syndrome
2: Peripheral neuropathy
3: Myasthenia gravis
4: Basic NCS and Needle examination techniques
5: Mononeuropathies
(1) Ulnar neuropathy
(2) Lumbosacral plexopathy/radiculopathy
(3) Brachial plexopathy and cervical radiculopathy
(4) Cranial neuropathies
5: Case Discussions
Noon Lunch (Provided)
11:15 p.m. (1) Carpal Tunnel Syndrome
(2) Peripheral neuropathy
(3) Myasthenia gravis
(4) Uncommon upper extremity mononeuropathies
5: Case Discussions
5: Break
5:30 Break
9:30 Break
9:45 Needle Examination Techniques
Devon I. Rubin, M.D.
10:15 Examination of Unusual Muscles
Eric J. Strommen, M.D.
11:00 Crafting an Appropriate EMG Report/Localization with Nerve Conduction Studies and EMG
Joseph F. Drazkowski, M.D.
Noon Lunch (Provided)
1:00 p.m. EMG Signal Analysis Introduction
Jason R. Kauf, M.D., and Devon I. Rubin, M.D.
2:15 Break
2:30 EMG Signal Analysis: Video Interactive Session
Jason R. Kauf, M.D., and Devon I. Rubin, M.D.
Adjourn
Saturday, March 10, 2007
Neurophysiology, EMG and EEG
8:00 a.m. Continental Breakfast
8:40 Normal EEG, Infant and Children
Barbara F. Westmoreland, M.D.
9:20 EEG in the Evaluation of Epilepsy
David R. Chabolla, M.D.
10:00 Break
10:15 Abnormal Infant EEG
Barbara F. Westmoreland, M.D.
10:55 EEG in Focal Epilepsies, Coma and Brain Death
Elson L. So, M.D.
11:35 EEG Interactive Quiz
David R. Chabolla, M.D.
Noon
1:00 p.m. EEG in Status Epilepticus
Gregory D. Cascino, M.D.
2:40 Seizure Mimickers
Elson L. So, M.D.
3:00 Group EEG Reading Sessions
Barbara F. Westmoreland, M.D., Elson L. So, M.D., Jeffrey W. Britton, M.D., Jerry J. Shih, M.D.,
C. Michael Harper, M.D.
5:00 Adjourn
Electromyography, Electroencephalography and Neurophysiology in Clinical Practice

March 7 – 11, 2007
Amelia Island Plantation, Amelia Island, Florida

Course Description
This course is developed as a review of basic concepts of nerve conduction studies, needle EMG, and EEG. Techniques, interpretation, and the electrodiagnostic applications of EMG and EEG, respectively, will be covered. The course will be of particular interest to those who are already familiar with these testing modalities.

Course Objectives
Upon completion of this course, participants should be able to:

• Understand the concepts of nerve conduction studies and their applications.
• Understand the concepts of needle EMG and their applications.
• Understand the concepts of EEG and their applications.

Course Learning Activities
The course format includes lectures, practical demonstrations, videos, group discussions and workshops. The course includes the opportunity to observe EMG techniques on normal subjects in the laboratory. A syllabus will be provided to participants. Presentations will be made by members of the Mayo Clinic and faculty of the Mayo Clinic College of Medicine from the Departments of Neurology in Jacksonville, Florida, Rochester, Minnesota and Scottsdale, Arizona.

Course Learning Objectives
Upon completion of this program, participants should be able to:

• Develop a logical approach to the use of standard clinical electro-physiologic techniques and their applications.
• Understand the concepts of nerve conduction studies and their applications.
• Understand the concepts of needle EMG and their applications.
• Understand the concepts of EEG and their applications.
• Interpret clinical significance of EMG waveforms on needle examination.
• Identify technical pitfalls associated with EEG and the normal and variant patterns of pediatric and adult patients.
• Understand the findings and clinical significance of abnormalities on nerve conduction studies.
• Develop approaches to the evaluation of medically refractory seizures.

Intended Audience
The course is intended for practicing M.D.s and D.O.s interested in the basics of nerve conduction studies, needle EMG, and EEG – 13.25 Category 1 Credits(s)™ approved for the two components are: EMG – 26.0 Category 1 Credits(s)™ and EEG – 13.25 Category 1 Credits(s)™ approved for the two components are: EMG – 26.0 Category 1 Credits(s)™ and EEG – 13.25 Category 1 Credits(s)™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Credit
Mayo Clinic College of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The Mayo Clinic College of Medicine designates this educational activity for a maximum of 39.25 AMA PRA Category 1 Credit(s)™ (PR01). Physicians should only claim credit commensurate with the extent of their participation in the activity.

Category 1 Credit(s)™ approved for the two components are: EMG – 26.0 Category 1 Credits(s)™ and EEG – 13.25 Category 1 Credits(s)™.

ADA
The program has been approved by the American Osteopathic Association for 39.25 hours of 2A accreditation.

Other Health Care Professionals
A statement of attendance will be provided to other health care professionals for requesting credits in accordance with state nursing boards, specialty societies, or other professional associations.

Educational Grants
At the time of this printing, a complete listing of commercial supporters was unavailable. For a complete listing of commercial supporters, please request payment by mail or fax. The conference program format includes lectures, practical demonstrations, videos, group discussions and workshops. The program format includes lectures, practical demonstrations, videos, group discussions and workshops. The program format includes lectures, practical demonstrations, videos, group discussions and workshops.

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